Bibliographical approach to the scientific production on marine technology indexed in Web of Science database (1995-2005)

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1. OBJETIVOS

- Determinar qué revistas científicas pueden considerarse básicas en el ámbito de la tecnología marina.
- Localizar las instituciones líderes en este ámbito.
- Identificar los principales autores en la materia.

2. METODOLOGÍA

Determinación de las palabras claves que puedan identificar los documentos relacionados con la investigación en la tecnología marina en el período 1995-2005.

Búsqueda en la base de datos *Web Of Science* (ISI) [antes Science Citacion Index].

Búsqueda en la base de datos Scopus (Elsevier).

Análisis de los resultados obtenidos.

2.1. Determinación de las palabras claves

Búsqueda básica (BB)

marine technology

marine engineering

engineering ocean

Búsqueda ampliada (BA)

Marine signal systems // Marine infrastructures // ocean seismometers // seafloor mapping // sonar systems // marine data management // sonar transducers // underwater acustics // hydrophones // underwater sound // autonomous underwater vehicle // Acoustic release transponder // Bottom trawlers // Ocean observatory // seabed monitoring // seafloor instrumentation // seafloor observatories // cabled observatories

Fuentes de información: "Keywords" de Journal Citation Reports, Compendex ; temas de trabajo del congreso ; consulta a profesionales.

2.2. Búsqueda en Web of Science

Science Citation Index Expanded™ (SCI EXPANDED™)
Current Chemical Reactions® (CCR®)
Index Chemicus® (IC®)
Social Sciences Citation Index® (SSCI®)
Arts & Humanities Citation Index® (AHCI®)

- Base de datos bibliográfica sobre la producción científica internacional.
- Incluye un total de 6.126 revistas de todos los ámbitos de especialidad de la ciencia y técnica.
- Las revistas seleccionadas lo son en función del número de citaciones que reciben los artículos publicados en ellas.
- Se utiliza frecuentemente para determinar la excelencia en la producción científica.
- Se basa en la ley de Bradford

Si se considera un número suficientemente elevado de trabajos sobre una materia determinada, **la mitad de los artículos de interés relativos a un tema se encuentra concentrado en un número muy pequeño de revistas**, mientras que a partir de esta tasa, aumentos muy pequeños del número de artículos determinan grandes aumentos del número de revistas." lo que tenemos es muchos documentos pero muy poca información.

2.2. Resultados en Web of Science – Búsqueda básica

Search History (For complex set combinations, use Adv.

Combine Sets (AND / OR) COMBINE	Results		SAVE HISTORY / OPEN SAVED HISTORY
#4	102	#3 OR #2 OR #1 *DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=1995-2005*	
#3	1	TS=(engineering ocean*) *DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=1995-2005*	
#2	40	TS=(marine engineeri*) *DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=1995-2005*	
#1	61	TS=(marine technolog*) *DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=1995-2005*	

102 documentos responden al perfil deseado (incluyen alguno de los términos seleccionados)

2.2. Resultados en Web of Science – Búsqueda básica - Revistas

Field: Source Title	Record Count	% of 102	Bar Chart
MARINE TECHNOLOGY SOCIETY JOURNAL	9	8.8 %	
MARINE TECHNOLOGY AND SNAME NEWS	7	6.9 %	
SEA TECHNOLOGY	7	6.9 %	
IEEE JOURNAL OF OCEANIC ENGINEERING	6	5.9 %	
MER-MARINE ENGINEERS REVIEW	5	4.9 %	
UNDERWATER TECHNOLOGY	4	3.9 %	
AQUACULTURE	2	2.0 %	
DEEP-SEA RESEARCH PART I-OCEANOGRAPHIC RESEARCH PAPERS	2	2.0 %	
INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION	2	2.0 %	
JOURNAL OF ENGINEERING MECHANICS-ASCE	2	2.0 %	
JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY	2	2.0 %	
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY	2	2.0 %	
MARINE POLICY	2	2.0 %	
MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION	2	2.0 %	
NAVAL ARCHITECT	2	2.0 %	
NAVAL ENGINEERS JOURNAL	2	2.0 %	
NONLINEAR DYNAMICS	2	2.0 %	
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING	2	2.0 %	

2.2. Resultados en Web of Science – Búsqueda básica - Disciplinas

Field: Subject Category	Record Count	% of 102	Bar Chart
Engineering, Ocean	36	35.3 %	
Oceanography	32	31.4 %	
Engineering, Civil	12	11.8 %	
Engineering, Marine	10	9.8 %	
Engineering, Mechanical	10	9.8 %	
Engineering, Electrical & Electronic	8	7.8 %	
Materials Science, Multidisciplinary	8	7.8 %	
Fisheries	7	6.9 %	
Engineering, Multidisciplinary	6	5.9 %	
Marine & Freshwater Biology	6	5.9 %	
Metallurgy & Metallurgical Engineering	4	3.9 %	
Water Resources	4	3.9 %	
Energy & Fuels	3	2.9 %	
Engineering, Industrial	3	2.9 %	
Engineering, Manufacturing	3	2.9 %	
Computer Science, Artificial Intelligence	2	2.0 %	
Ecology	2	2.0 %	
Education, Scientific Disciplines	2	2.0 %	
Environmental Sciences	2	2.0 %	
Environmental Studies	2	2.0 %	
Geochemistry & Geophysics	2	2.0 %	
Instruments & Instrumentation	2	2.0 %	
International Relations	2	2.0 %	
Mechanics	2	2.0 %	
Multidisciplinary Sciences	2	2.0 %	
Operations Research & Management Science	2	2.0 %	
Remote Sensing	2	2.0 %	
Acoustics	1	1.0 %	
Automation & Control Systems	1	1.0 %	
Computer Science, Cybernetics	1	1.0 %	
Engineering, Petroleum	1	1.0 %	
Geography	1	1.0 %	
Geosciences, Multidisciplinary	1	1.0 %	
Imaging Science & Photographic Technology	1	1.0 %	
Materials Science, Ceramics	1	1.0 %	
Mathematics, Applied	1	1.0 %	
Nuclear Science & Technology	1	1.0 %	

2.2. Resultados en Web of Science – Búsqueda básica - Instituciones

Field: Institution Name	Record Count	% of 102	Bar Chart
Russian Acad Sci	3	2.9 %	
SOUTHAMPTON OCEANOG CTR	3	2.9 %	
Univ Aberdeen	3	2.9 %	
Univ Glasgow	3	2.9 %	
Univ Michigan	3	2.9 %	
CALTECH	2	2.0 %	
German Aerosp Ctr DLR	2	2.0 %	
Liverpool John Moores Univ	2	2.0 %	
Univ Coll London	2	2.0 %	
Univ Hawaii Manoa	2	2.0 %	
Washington Dept Fish & Wildlife	2	2.0 %	
Woods Hole Oceanog Inst	2	2.0 %	
Autonomous Undersea Syst Inst	1	1.0 %	
B WHEELER ASSOCIATES	1	1.0 %	
British Antarctic Survey	1	1.0 %	
British Geol Survey	1	1.0 %	
BRITISH NATL SPACE CTR	1	1.0 %	
Cardiff Univ	1	1.0 %	
CHELSEA INSTRUMENTS	1	1.0 %	

Chinese Acad Sci	1	1.0 %	
Consortium Ocean Res & Educ	1	1.0 %	
CSIRO	1	1.0 %	
Deep Ocean Engn Inc	1	1.0 %	
Delft Univ Technol	1	1.0 %	
Elf Lubrifiants	1	1.0 %	
Environm Def	1	1.0 %	
Florida Atlantic Univ	1	1.0 %	
FRIEDE & GOLMAN LTD	1	1.0 %	
Geosci Australia	1	1.0 %	
German Lloyd	1	1.0 %	
Gibbs & Cox Inc	1	1.0 %	
H YOUNG & ASSOCIATES	1	1.0 %	
HARDANGER SUNNHORDLANDSKE DAMPSKIPSSELSKAP	1	1.0 %	
Heriot Watt Univ	1	1.0 %	
IFREMER	1	1.0 %	
IIT KHARAGPUR	1	1.0 %	
INNAS BV	1	1.0 %	
INSEAN	1	1.0 %	
Inst Explorat	1	1.0 %	
Inst Marine Dynam	1	1.0 %	

2.2. Resultados en Web of Science – Búsqueda básica – Países

Field: Country/Territory	Record Count	% of 102	Bar Chart
USA	26	25.5 %	
England	12	11.8 %	
Germany	9	8.8 %	
Scotland	7	6.9 %	
Norway	5	4.9 %	
Russia	4	3.9 %	
Canada	3	2.9 %	
Italy	3	2.9 %	
Peoples R China	3	2.9 %	
South Korea	3	2.9 %	
Australia	2	2.0 %	
France	2	2.0 %	
Israel	2	2.0 %	
Japan	2	2.0 %	
Austria	1	1.0 %	
Brazil	1	1.0 %	
Cote Ivoire	1	1.0 %	
Denmark	1	1.0 %	
Finland	1	1.0 %	
INDIA	1	1.0 %	
Netherlands	1	1.0 %	
Poland	1	1.0 %	
Singapore	1	1.0 %	
Taiwan	1	1.0 %	
Turkey	1	1.0 %	
Wales	1	1.0 %	

2.2. Resultados en Web of Science – Búsqueda básica – Autores

Field: Author	Record Count	% of 102	Bar Chart
[Anon]	8	7.8 %	
Ageev, MD	2	2.0 %	
Bagley, PM	2	2.0 %	
Bailey, DM	2	2.0 %	
Collins, MA	2	2.0 %	
Duennebier, FK	2	2.0 %	
Harris, DW	2	2.0 %	
Jamieson, AJ	2	2.0 %	
Karr, DG	2	2.0 %	
Priede, IG	2	2.0 %	
Schade, DT	2	2.0 %	
Summerhayes, CP	2	2.0 %	
Wang, J	2	2.0 %	
Weiss, H	2	2.0 %	
Yang, JB	2	2.0 %	
Abeysekera, SS	1	1.0 %	
Adams, J	1	1.0 %	
Amann, H	1	1.0 %	
Andersen, OB	1	1.0 %	
Anderson, D	1	1.0 %	
Arce, SM	1	1.0 %	
Argue, BJ	1	1.0 %	
Aronsen, H	1	1.0 %	
Auerbach, JC	1	1.0 %	
Austin, TC	1	1.0 %	
Babinec, J	1	1.0 %	
Baker, M	1	1.0 %	
Ballard, RD	1	1.0 %	
Ballou, P	1	1.0 %	
Becker, AA	1	1.0 %	
Berg, A	1	1.0 %	
Betts, CV	1	1.0 %	
Bi, SW	1	1.0 %	
Billett, D	1	1.0 %	
BISHOP, JM	1	1.0 %	
Blankenship, HL	1	1.0 %	
Blidberg, DR	1	1.0 %	
Bonnier, P	1	1.0 %	
Bosel, J	1	1.0 %	
BRICKELL, KK	1	1.0 %	

2.2. Resultados en Web of Science – Búsqueda ampliada

☐ #8	1,516	TS=(Marine signal systems OR Marine infrastructures OR ocean seismometers OR seafloor mapping OR sonar systems OR marine data management OR sonar transducers OR underwater acustics OR hydrophone* OR underwater sound OR autonomous underwater vehicle* OR Acoustic release transponder OR Bottom trawlers OR Ocean observator* OR seabed monitoring OR seafloor instrumentation OR seafloor observator* OR cabled observator*) *DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=1995-2005*

2.2. Resultados en Web of Science – Búsqueda ampliada - Revistas

Field: Source Title	Record Count	% of 500	Bar Chart
JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	59	11.8 %	
IEEE JOURNAL OF OCEANIC ENGINEERING	56	11.2 %	
MARINE TECHNOLOGY SOCIETY JOURNAL	18	3.6 %	
IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL	16	3.2 %	
ACOUSTICAL PHYSICS	13	2.6 %	
ACTA ACUSTICA UNITED WITH ACUSTICA	12	2.4 %	
ULTRASONICS	11	2.2 %	
GEOPHYSICAL JOURNAL INTERNATIONAL	9	1.8 %	
JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH	9	1.8 %	
GEOPHYSICAL RESEARCH LETTERS	8	1.6 %	
MARINE MAMMAL SCIENCE	8	1.6 %	
SEA TECHNOLOGY	8	1.6 %	
OCEAN ENGINEERING	7	1.4 %	
CONTROL ENGINEERING PRACTICE	6	1.2 %	
ICES JOURNAL OF MARINE SCIENCE	6	1.2 %	
ULTRASOUND IN MEDICINE AND BIOLOGY	6	1.2 %	
DEEP-SEA RESEARCH PART I-OCEANOGRAPHIC RESEARCH PAPERS	5	1.0 %	
JAPANESE JOURNAL OF APPLIED PHYSICS PART 1-REGULAR PAPERS SHORT NOTES & REVIEW PAPERS	5	1.0 %	
JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	5	1.0 %	
ACOUSTICS RESEARCH LETTERS ONLINE-ARLO	4	0.8 %	

2.2. Resultados en Web of Science – Búsqueda ampliada - Temáticas

Field: Subject Category	Record Count	% of 500	Bar Chart
Acoustics	129	25.8 %	
Oceanography	109	21.8 %	
Engineering, Electrical & Electronic	99	19.8 %	
Engineering, Ocean	99	19.8 %	
Engineering, Civil	68	13.6 %	
Marine & Freshwater Biology	38	7.6 %	
Geochemistry & Geophysics	37	7.4 %	
Geosciences, Multidisciplinary	23	4.6 %	
Radiology, Nuclear Medicine & Medical Imaging	20	4.0 %	
Automation & Control Systems	18	3.6 %	
Fisheries	18	3.6 %	
Physics, Applied	18	3.6 %	
Instruments & Instrumentation	15	3.0 %	
Materials Science, Multidisciplinary	14	2.8 %	
Zoology	12	2.4 %	
Multidisciplinary Sciences	10	2.0 %	
Computer Science, Artificial Intelligence	9	1.8 %	
Ecology	9	1.8 %	
Water Resources	9	1.8 %	
Meteorology & Atmospheric Sciences	8	1.6 %	
Robotics	8	1.6 %	
Engineering, Mechanical	7	1.4 %	
Engineering, Multidisciplinary	7	1.4 %	
Mechanics	7	1.4 %	
Optics	7	1.4 %	
Physics, Condensed Matter	5	1.0 %	
Telecommunications	5	1.0 %	
Behavioral Sciences	4	0.8 %	
Computer Science, Cybernetics	4	0.8 %	
Environmental Sciences	4	0.8 %	
Limnology	4	0.8 %	
Urology & Nephrology	4	0.8 %	
Chemistry, Multidisciplinary	3	0.6 %	
Computer Science, Information Systems	3	0.6 %	
Energy & Fuels	3	0.6 %	
Engineering, Marine	3	0.6 %	
Engineering, Petroleum	3	0.6 %	
Geology	3	0.6 %	
Metallurgy & Metallurgical Engineering	3	0.6 %	
Nuclear Science & Technology	3	0.6 %	
Otorhinolaryngology	3	0.6 %	
Physics, Multidisciplinary	3	0.6 %	
Astronomy & Astrophysics	2	0.4 %	

2.2. Resultados en Web of Science – Búsqueda ampliada - Instituciones

Field: Institution Name	Record Count	% of 500
Woods Hole Oceanog Inst	28	5.6 %
USN	21	4.2 %
Oregon State Univ	18	3.6 %
Russian Acad Sci	15	3.0 %
Univ Southampton	15	3.0 %
Univ Calif San Diego	14	2.8 %
NOAA	11	2.2 %
Penn State Univ	11	2.2 %
Univ Hawaii	11	2.2 %
MIT	10	2.0 %
Univ Washington	10	2.0 %
Southampton Oceanog Ctr	9	1.8 %
Chinese Acad Sci	8	1.6 %
Monterey Bay Aquarium Res Inst	8	1.6 %
Columbia Univ	7	1.4 %
Drexel Univ	7	1.4 %
Univ Bath	7	1.4 %
Duke Univ	6	1.2 %
Harvard Univ	6	1.2 %
Polish Acad Sci	6	1.2 %
Sci Applicat Int Corp	6	1.2 %
Aarhus Univ	5	1.0 %
Dalhousie Univ	5	1.0 %
IFREMER	5	1.0 %
Phys Tech Bundesanstalt	5	1.0 %
Scripps Inst Oceanog	5	1.0 %
SFA Inc	5	1.0 %
Stanford Univ	5	1.0 %
Univ British Columbia	5	1.0 %
Univ Florida	5	1.0 %
Univ Hawaii Manoa	5	1.0 %
Univ Michigan	5	1.0 %
CNR	4	0.8 %
Natl Cheng Kung Univ	4	0.8 %
Natl Phys Lab	4	0.8 %
Natl Res Council Canada	4	0.8 %
Natl Taiwan Univ	4	0.8 %
Northwestern Univ	4	0.8 %
Norwegian Def Res Estab	4	0.8 %
Rutgers State Univ	4	0.8 %
Univ Auckland	4	0.8 %
Univ Bretagne Occidentale	4	0.8 %
Univ Pisa	4	0.8 %
Univ Plymouth	4	0.8 %
Univ Rhode Isl	4	0.8 %
Univ S Florida	4	0.8 %
Univ St Andrews	4	0.8 %
Univ Texas	4	0.8 %
Washington Univ	4	0.8 %
Def Sci & Technol Org	3	0.6 %
Florida Atlantic Univ	3	0.6 %
Hong Kong Polytech Univ	3	0.6 %
Inst Phys Globe	3	0.6 %
KORDI	3	0.6 %
Lamont Doherty Earth Observ	3	0.6 %
Mem Univ Newfoundland	3	0.6 %
Moscow MV Lomonosov State Univ	3	0.6 %
Mote Marine Lab	3	0.6 %
Natl Marine Mammal Lab	3	0.6 %
Natl Sci Fdn	3	0.6 %
Northwestern Polytech Univ	3	0.6 %
Philips Med Syst	3	0.6 %
Univ Calif Berkeley	3	0.6 %
Univ Cambridge	3	0.6 %
Univ Hamburg	3	0.6 %
Univ Kiel	3	0.6 %

2.2. Resultados en Web of Science – Búsqueda ampliada - Países

Country/Territory	Record Count	% of 500	Bar Chart
USA	253	50.6 %	
England	55	11.0 %	
France	36	7.2 %	
Canada	24	4.8 %	
Italy	23	4.6 %	
Russia	23	4.6 %	
Germany	21	4.2 %	
Japan	20	4.0 %	
Peoples R China	18	3.6 %	
Norway	14	2.8 %	
Scotland	14	2.8 %	
Australia	12	2.4 %	
South Korea	12	2.4 %	
Denmark	10	2.0 %	
Taiwan	10	2.0 %	
India	8	1.6 %	
Poland	8	1.6 %	
New Zealand	6	1.2 %	
Spain	6	1.2 %	
Portugal	5	1.0 %	
Netherlands	4	0.8 %	
Austria	3	0.6 %	
Greece	3	0.6 %	
Switzerland	3	0.6 %	
Turkey	3	0.6 %	
Wales	3	0.6 %	
Belgium	2	0.4 %	
Ireland	2	0.4 %	
Israel	2	0.4 %	
North Ireland	2	0.4 %	
Sweden	2	0.4 %	
Thailand	2	0.4 %	
Brazil	1	0.2 %	
Czech Republic	1	0.2 %	
Finland	1	0.2 %	
Fr Polynesia	1	0.2 %	
Ghana	1	0.2 %	
Mexico	1	0.2 %	
Singapore	1	0.2 %	

2.2. Resultados en Web of Science – Búsqueda ampliada - Autores

Field: Author	Record Count	% of 500	Bar Chart
Fox, CG	11	2.2 %	
Dziak, RP	9	1.8 %	
Bohnenstiehl, DR	8	1.6 %	
Lewin, PA	7	1.4 %	
Tolstoy, M	7	1.4 %	
Au, WWL	6	1.2 %	
Bowen, CR	6	1.2 %	
Madsen, PT	6	1.2 %	
Radulescu, EG	6	1.2 %	
Cranch, GA	5	1.0 %	
Kara, H	5	1.0 %	
Kirkendall, CK	5	1.0 %	
Mellinger, DK	5	1.0 %	
Nowicki, A	5	1.0 %	
Smith, DK	5	1.0 %	
Stafford, KM	5	1.0 %	
Wahlberg, M	5	1.0 %	
Harris, GR	4	0.8 %	
Koch, C	4	0.8 %	
Kuperman, WA	4	0.8 %	
Matsumoto, H	4	0.8 %	
Ramesh, R	4	0.8 %	
Stevenson, P	4	0.8 %	
Sutton, R	4	0.8 %	
Tyack, PL	4	0.8 %	
Wojcik, J	4	0.8 %	
Abraham, DA	3	0.6 %	
Akamatsu, T	3	0.6 %	
Buckingham, MJ	3	0.6 %	
Caiti, A	3	0.6 %	
Chan, HLW	3	0.6 %	
Favali, P	3	0.6 %	
Fedewa, RJ	3	0.6 %	
Gammell, PM	3	0.6 %	
Hahn, TR	3	0.6 %	
Hodgkiss, WS	3	0.6 %	
Holland, MR	3	0.6 %	
Hynynen, K	3	0.6 %	
Jago, JR	3	0.6 %	
Johnson, MP	3	0.6 %	
Lau, ST	3	0.6 %	
Lee, PM	3	0.6 %	
Leighton, TG	3	0.6 %	
Li, JH	3	0.6 %	
Lyons, AP	3	0.6 %	
Miller, JG	3	0.6 %	
Miller, JH	3	0.6 %	
Mohl, B	3	0.6 %	
Naeem, W	3	0.6 %	
Nash, PJ	3	0.6 %	
Newnham, RE	3	0.6 %	
Ng, GC	3	0.6 %	
Niezrecki, C	3	0.6 %	
Nystuen, JA	3	0.6 %	
Rielly, MR	3	0.6 %	
Robinson, BS	3	0.6 %	
Roux, P	3	0.6 %	
Studenichnik, NV	3	0.6 %	
Wallace, KD	3	0.6 %	
Yuh, J	3	0.6 %	
Zhong, P	3	0.6 %	
Ahmad, SM	2	0.4 %	
An, PE	2	0.4 %	
Antich, J	2	0.4 %	
Antonelli, L	2	0.4 %	
Armstrong, F	2	0.4 %	

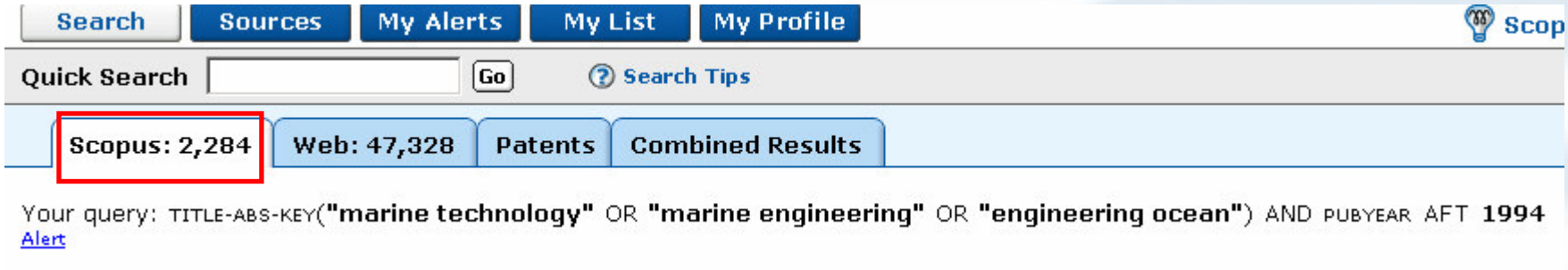
2.3. Resultados en Scopus – Búsqueda básica

SCOPUS

- Base de datos bibliográfica sobre la producción científica internacional.
- Incluye un total de 14.000 revistas de todos los ámbitos de especialidad de la ciencia y técnica.
- Las revistas seleccionadas lo son en función de tener un sistema de revisión por pares (peer-reviewed)

A diferencia de la anterior base de datos, *Scopus* nos puede dar una imagen más amplia de la producción científica en un campo. Más amplia porque se incluyen más revistas, pero teóricamente será una selección menos selecta.

2.3. Resultados en Scopus – Búsqueda básica



2.3. Resultados en Scopus – Búsqueda básica - Revistas

Sea Technology (129)

Marine Technology Society Journal (121)

Oceans Conference Record (IEEE) (104)

MER - Marine Engineers Review (103)

Marine Geology (73)

Journal of Marine Systems (67)

Marine Environmental Research (64)

Marine Technology (58)

Proceedings of the International Conference on Offshore Mechanics and Arcti Engineering - OMAE (42)

Naval Architect (40)

HSB International (38)

Jane's Navy International (38)

Naval Engineers Journal (36)

Shipping World and Shipbuilder (35)

Proceedings of the International Offshore and Polar Engineering Conference (34)

Ocean '04 - MTS/IEEE Techno-Ocean '04: Bridges across the Oceans - Conference Proceedings (31)

Jane's Defence Weekly (30)

Marine Pollution Bulletin (26)

Marine Log (25)

Marine Structures (20)

Marine Georesources and Geotechnology (20)

Proceedings of SPIE - The International Society for Optical Engineering (19)

California and the World Ocean - Proceedings of the Conference (19)

Oil and Gas Journal (19)

International Maritime Technology (18)

Transactions - Society of Naval Architects and Marine Engineers (17)

Press Release (16)

Diesel and Gas Turbine Worldwide (16)

Geophysical Research Letters (15)

ASEE Annual Conference Proceedings (15)

Inec 2002: The Marine Engineer in the Electronic Age - Conference Proceedings (15)

Underwater Technology (14)

Marine and Maritime (14)

Journal of Navigation (13)

Ocean Engineering (13)

Hydro International (13)

Hydrobiologia (12)

American Society of Mechanical Engineers, International Gas Turbine Institute, Turbo Expo (Publication) IGTI (11)

Geology (11)

Ocean and Coastal Management (11)

Proceedings of the Annual Offshore Technology Conference (10)

Maritime IT and Electronics (10)

Science (10)

Water Studies (10)

International Geoscience and Remote Sensing Symposium (IGARSS) (9)

Port Development in the Changing World, PORTS 2004, Proceedings of the Conference (9)

Journal of Marine Science and Technology (9)

Nature (9)

Marine and Petroleum Geology (9)

Journal of Offshore Technology (8)

Quaternary Science Reviews (8)

Journal of Marine Environmental Engineering (8)

IEEE Journal of Oceanic Engineering (8)

Proceedings of the ISOPE Ocean Mining Symposium (8)

2.3. Resultados en Scopus – Búsqueda básica - Autores

Anon (28)
Scott R (17)
Wang J (13)
Tinsley D (8)
Yang J B (8)
Kucera J (7)
Liu J (7)
Mullins P (6)
Hobson S (5)
Marsh G (5)
Sii H S (5)
Von Huene R (5)
Allen J T (4)
Arai Y (4)
Bagley P M (4)
Brown N (4)
Garzke Jr W H (4)
Kobayashi H (4)
Koch A (4)
Kondo T (4)
Merrill Maggie Linskey (4)
Paik J K (4)
Pan D (4)
Peters L D (4)
Regoli F (4)
Ruxton T (4)
Senda S (4)
Vassalos D (4)
Wassmann P (4)
Wynn R B (4)
Ageev M D (3)
Allen A E (3)
An E (3)
Asakawa K (3)
Austin Jr J A (3)
Bailey D M (3)
Bernitsas M M (3)
Burt N (3)
Chwang A T (3)
Dickmann T (3)
Dvornik J (3)
Endo M (3)
Flower J O (3)
Fossen T I (3)
Frischer M E (3)
Fruehn J (3)
Fujino M (3)
Gorbi S (3)
Graham David M (3)
Griffa A (3)
Hodge C G (3)
Hosoda R (3)
Howard Jones M H (3)
Ivanov M K (3)
Jackson K M (3)
Jamieson A J (3)
Law R J (3)
Lo K Y (3)
Manley J (3)
Mckinnon P (3)
Micic S (3)
Mikada H (3)
Monteiro J H (3)
Murata S (3)
Obbard J P (3)
Papanikolaou A (3)
Pillay A (3)
Poulain P M (3)
Priede I G (3)
Rajasekaran G (3)
Reston T (3)
Reston T J (3)
Sato A (3)
Shang J Q (3)
Shi W (3)
Smith S (3)

3. Comparación de resultados – Revistas

Búsqueda básica WoS	Búsqueda ampliada WoS	Búsqueda básica Scopus
1. MAR TEC SOC JOUR (2)	1. JOUR ACOU SOC AMERICA	1. Sea Technology (3)
2. MAR TEC SNAME NEWS7 (/)	2. IEEE JOUR OC ENG (4)	2. Mar Tech Society Journal (1)
3. SEA TECHNOLOGY (1)	3. MAR TEC SOC JOURNAL (2)	3. Oce Conf Record (IEEE)
4. IEEE JOUR OCE ENG (35)	4. IEEE TRANS ULTRASONICS FERR FREQ CONTROL	4. MER – Mar Eng Review (5)
5. MER-MARI ENG REV (4)	5. ACOUSTICAL PHYSICS	5. Marine Geology
6. UNDERWATER TEC (34)	6. ACTA ACU UN ACUSTICA (19)	6. Journal of Marine Systems
7. AQUACULTURE (+50/)	7. ULTRASONICS-	7. Mar Environ Research
8. DEEP-SEA RES PART I (+50)	8. GEOPHY JOUR INTER	8. Marine Technology
9. INT JOUR ENG EDUC (+50)	9. JOUR GEO RES-SOLI EARTH	9. Proc International Conf Offshore Mech Arctic Engi - OMAE
10. JOUR ENG MEC-ASCE (+50)	10. GEO RESEARCH LETTERS	10. Naval Architect (15)
11. JOUR EXP MAR BIO ECO (+50)	11. MAR MAMMAL SCIENCE	11. HSB International
12. JOUR MATE PROC TEC (+50)	12. SEA TECHNOLOGY (3)	12. Jane's Navy International
13. MARINE POLICY (+50)	13. OCEAN ENGINEERING (+40)	13. Naval Engineers Journal (16)
14. MATE CORRO WERKST (+50)	14. CONT ENG PRACTICE	14. Ship World and Shipbuilder
15. NAVAL ARCHITECT (10)	15. ICES JOUR MAR SCIENCE	15. Proc International Offsh Polar Engi Conf
16. NAVAL ENG JOURNAL (13)	16. ULTRASOUND MED BIOLOGY	16. Ocean '04 - MTS/IEEE Tec Oc '04: Bridges across the Oceans – Conf Proc
17. NONLINEAR DYNAMICS (+50)	17. DEEP-SEA RES –OCE RES PAPERS (8)	17. Jane's Defence Weekly
18. PROC INST MEC ENG PART E- JOU PROC MEC ENG (+50)	18. JAP JOUR APP PHYSICS REGULAR PAP NOT REVIEW PAPERS	18. Marine Pollution Bulletin
19. ACTA ACUSTICA UNITED WITH ACUSTICA (+50)	19. JOUR ATMO OCE TEC	19. Marine Log
20. APPLIED GEOGRAPHY (+50)	20. ACOU RESEARCH LETT ONL	20. Marine Structures

3. Conclusiones

- Es posible obtener un listado de revistas "fuente" para la especialidad de tecnología marina a partir de WoS.
- Se aprecia una fuerte dispersión de títulos.
- La designación general de "tecnología marina" no aparece muchas veces en los estudios que se llevan a cabo y que resultan de su interés.
- Sería necesario describir y acotar el marco genérico de la tecnología marina.
- Se localiza las instituciones líderes en este ámbito.
- Quedan identificados los principales autores en la materia.

Bibliographical approach to the scientific production on marine technology indexed in Web of Science database (1995-2005)

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